

FORESTRY EQUIPMENT MAINTENANCE

COURSE TITLE	CREDITS
Welding and Flame Cutting Students will study basic arc and gas welding used in the heavy equipment industry. Theory, safety, and practical use will be taught.	1
Hydraulic and Electrical Schematics Students will learn basic hydraulic and electrical symbols. Understand how to interpret these symbols in a schematic to assist in troubleshooting mobile equipment.	1
DC Circuits and Control Systems Students will be introduced to the theory of DC electricity. Students will learn what a control system is and how to do basic troubleshooting as applied to mobile equipment.	1
Hydraulics 1 Students will achieve a basic understanding of hydraulic theory and common hydraulic components.	1
Hydraulics 2 Students will learn about mobile hydraulic circuits, components, hydrostatic systems, and load sensing.	1
Workshop Fundamentals Students will learn the basic skills needed in the workshop. Understand the different tools such as hand tools, shop press, air and battery tools, assemble and disassemble equipment components, and basic safety while working in a dealership shop.	1
TOTAL CREDITS	6

FOR MORE INFORMATION

nicoletcollege.edu/forestry



**NICOLET
COLLEGE**

nicoletcollege.edu

5364 College Drive, PO Box 518
Rhineland, WI 54501-0518
715.365.4493 or 800.544.3039 ext 4493
TTY: 800.947.3529 or 711

Nicolet College does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to manage inquiries regarding the non-discrimination policies: Director of Human Resources Nicolet Area Technical College, PO Box 518 Rhineland, WI 54501-0518 Telephone: 715.365.4449 or TTY: 800.947.3529 or 711

19-086